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BOTANICUM Hortense IV.

Giving an Account of divers Rare Plants, Observed the last Summer A. D. 1714. in several Curious Gardens about London and particularly the Society of Apothecaries Physick-Garden at Chelsea.

By James Petiver, F. R. S.

Continued from the last Transactions.

47 *Planta Nasifloræ. Snout-Flowers.*
A Lehoof Snapdragon. Ray Hist. Plantar. p. 567.
 pl. 3.
Cymbalaria Hederæ terrestris folio, flore maximo.
Antirrhino seu Linariae affinis fol. Hederæ terrestris. Flor.
Batav.

Asarina Lob. Lugd. 915 fig. 2.

Asarina Lob. flore Hederæ terrestris l. B. 3. App. 840. fig.

Asarina sterilis, Sevena Narbonensis agri Lob. Obs. 329 lc.

Asarina five saxatilis Hederula Lob. Icon. 601.

Hedera saxatilis Jonst. 856. fig. 2.

Hedera terrestris, magno flore C. B. 306. Phyt. 609. 3.

Its *Flowers, Seeds and Capsules* plainly shew it to be a kind of *Snapdragon*. *Lobel* says this grows wild in *Narbonne* and *Provence* (from whence I should be glad to see it,) but his *Figure* does not express the Hoariness with which our *Leaves* are endowed, nor are its *Flowers* so large or exact. I first saw this elegant Plant in the

X x

Amster-

Amsterdam Physick-Garden, Flowering in July, and since at Chelsea.

48. English Yellow Pansy. Ray's *British Herbal*. Tab. 37. fig. 10.

Viola montana lutea grandiflora nostras Ray 1052. 5. Syn. ed. 215. 8.

Viola 5. Jonst. 853. Ger. 704.

Mr. Ray observed this in divers boggy mountainous Pastures in *Darby-shire, York-shire, and Wales*. It Flowers very well in our Gardens, and makes a beautiful edging.

49. Bog Violet. Rays *British Herbal* Tab. 37. Fig. 5.

Viola palustris rotundifolia Plot. Hist. Oxon. 144. 4. Tab.

9. fig. 2. Ray 1050. 4. Synops. 152. 4. edit. 2. p. 214. 4.

Viola palustris rotundifolia glabra Moris. Oxon. 475. 5. sect. 5. Tab. 35. fig.

Dr. Plot first discovered this in the Bogs about *Stow-wood* in *Oxfordshire*, and *Chiswell* in *Barkshire*, since which it hath been found in the like Places between *Wickam* and *Croydon* in *Surry* plentifully, from whence it was transplanted into *Chelsea Garden*. It Flowers in *April* and *May*.

50. Hairy Wood Violet. Rays *British Herbal* Tab. 37. fig. 7.

Viola Trachelii folio Morret. pin. 125.

Viola Martia hirsuta, major, inodora Plot. Oxon. 144. 3.

Ray 1051. 5. Synops. 152. 6. ed. 2. p. 215. 6.

Viola Martia major, hirsuta inodora Moris. Ox. 475. 4. S. 5 Tab. 35. fig.

Grows plentifully in *Charlton* and other Woods in *Kent*, &c. It Flowers in *March* and *April*.

51. Upright Tree-Violet Ray 1052. 1.

Viola arborescens vel potius erecta Camer. Epit. 511. fig. opt.

Viola affurgens tricolor Ger. 703. Ic. 2. Jonst. 854. fig.

Viola elatior Clus. 309.

Viola Martia arborescens purpurea C. B. 195. 2.

Viola Martia surrectis cauliculis Lob. Ic. 610. 2.

Jacea tricolor, surrectis caulibus, quibusdam arborea dicta
Chabr. 510. *lc.* 3. *I. B.* 3. l. 32. p. 547. fig.

Clusus observed this to grow common in the Woods of
Austria and *Styria*. *Dr. Morison* in his *Hist. Oxon.* p.
 476. says this is found in *England* on the Tops of Moun-
 tains and in Woods, which has not as yet been observed,
 either by the inquisitive *Mr. Ray* or any other.

Plantæ Bacciferae. Berry-bearing Plants.

52. Long Horse-tongue Ray 663. 1.

Bonifacia five *Bislingua* *Chabr.* 45. *lc.* 5. & 6. *I. B.* 1. l. 5.
 p. 575. fig.

Hippoglossum Camer. *Epit.* 919. fig.

Hippoglossum Dioscoridis & *Laurotaxa Plinii* *Col.* 165.
 fig. opt.

Hippoglossum five *Bislingua* *Barrel.* pl. 5. *lc.* 249. *Park.*
 702. *lc.*

Hippoglossum mas & feminæ *Ger.* 761. *lc.* 1. & 2. *Jonst.* 908.
lc. 1. & 2.

Radix Idea, *Hippoglossum* *Col.* *phyt.* 64. fig.

Ruscus angustifolius, fructu folio innascente *El. Bot.* 70.
Inst. 79.

This and the next are accurately Figured by *Columna*
 & *Barrellier*. The peculiarity of this Plant is to have a
 small tongue like the Key or Fruit of the *Ash-tree*, growing
 from the middle Rib on the under side of each Leaf.

Grows on shady Mountains in *Italy* and *Hungary*.

53. Round Horse-tongue Ray 663. 2.

Laurus Alexandrina *Camer.* *Epit.* 936. *lc.* *Chabr.* 46. *lc.* 1. *I.*
B. 1. l. 5. p. 574. fig.

Laurus Alexandrina & *Chamædaphne* *Col.* 165. fig. opt.

Laurus Alexandrina genuina *Park.* 700. fig. 1.

Laurus Alexandrina vera *Diosc.* & *Theophr.* *Barrel.* 6. *lc.*
 250.

Laurus Alex. fructu folio insidente *C B.* 305.

Ruscus latifolia, fructu folio innascente E. B. 70. *Inst.* 79.

I have a very fair Specimen of this in *Flower*, gathered with the last at *Gibraltar* by Dr. *Pelham Jonston* a curious Botanist.

54. *Cherry Nightshade* Ray 673. 4.

Amomum Plinii Ger. 289. fig. *Jonst.* 361. fig.

Amomum Plinii *Strycnodendron* sive *Solanum arborescens* Lob.

Ic. 265. 1. Belg. 322. *Obs.* 136. fig.

Pseudo-Capsicum seu *Amomum Plinii* Park. parad. 427. fig. 7.

Solanum fruticosum Tabern. 578. Ic. 2.

Solanum fruticosum bacciferum CB. 166. 9. *phyt.* 29.

Solanum fruticosum Americanum dictum *Amomum Plinii* Park. 353 fig.

It's an old Inhabitant in our Gardens, where it *Flowers* about Midsummer, and its *Cherry-like* Fruit is ripe in the *Winter*.

I have received this from the *Maderas*, where Dr. *Sloan*, that Consummate Botanist, has also observed it.

55. *Virginia Potatoes* Ray 675. 14.

Batata Virginiana f. *Virginianorum* & *Pappus* Ger. 781. fig. *Jonst.* 927. fig.

Arachidna Theophr. fortè *Papas Peruanorum* Clus. 97. fig.

Papas seu *Battatas Virginianorum* Park. parad. 517. fig. 3.

Papas radix, ex qua *Edulium Chunno* dictum conficitur *Jos. Acosta* l. 4 c. 17. imo *Panis* loco utuntur quem

Chunno dictum vocant *id.* l. 3. cap. 20.

Solanum tuberosum C B. *phyt.* 301. 19.

Solanum tub. esculentum C B. 167. 13. *Prodr.* 89. fig. opt.

We are obliged to that indefatigable Botanist *Caspar Bauhine* for a most accurate *Figure* and full *Description* of this useful *Root*, which was first discovered in *Virginia* and there call'd *Openanck*.

It was first cultivated in *Ireland*, and now about *London*, and in many Counties of *Great Britain*. It *Flowers* from *July* till *Autumn* and then *Fruits*, altho' rarely ripens.

Herbæ

Herbæ capitibus stellatis seu echinatis,
Herbs with Star or Burr heads.

56. *Avicens Abtilon* Ray 699. 1. *H. Oxon.* 531.

Althea lutea Ger. 790: fig. *Jonst.* 935. fig.

Althea lutea sive *Abutilon Avicenna* putatum *Park.* 304.
 Ic 5.

Althea luteis floribus *Lob.* Ic 635. 1. *Belg.* 801. *Obf* 374.
 fig.

Althea Theophrasti fl. luteo *CB.* 316. 8. *phyt.* 632. 8.

Althea Theophrasti fl. luteo, quibusdam *Abutilon* *I B.* 2. 1.
 23. p. 958. fig. *Chabr.* 302. 1c. 1.

Caspar Bauhine observed this Plant, altho' an Annual, 2
 Cubits high, between *Ferraria* and *Bononia*. Its also a
 Native of both the *Indies*, from whence I have received it.

57. *Betony Mallow* Ray 593. 3 *H. Oxon* 522. xi.

Alcea Betonica folio fl. purpureo violaceo *Barrel.* 72. 1c.
 1189.

Malva Betonica folio *H. Blef.* 285. *Pocc.* 15. fig *Zan.* 130.
 fig. 52.

Malacoides Betonica folio *Inst. R. H.* 98.

This elegant *Mallow* grows wild in *Tuscany*, from whence
 it was sent me by *Pet. Antony Micheli* the Grand Duke's
Botanist as also from the Reverend *Bruno Tozzi* Abbot of
Vallambrose and Fellow of the *Royal Society*.

58. *Cupain* his Dwarf *Spearwort* Ray 3. p. 361. 27.

Ranunculus Alpestris palustris, lignosus, fol. *Ocimi* echina-
 tus *H. Cathol.*

Ranunculus Siculus fol. rotundo vix serrato *Gazoph. Natur.*
 Tab. 24. fig. 9. opt.

This is a small stooping Plant, with pretty large *Heads*,
 its *Leaves* broad and lightly notchd. Grows wild in *Sicily*.

59. *Mutet* *Crowfoot* Ray 582. 5.

Ranunculus magnus valde hirsutus. fl. luteo *I. B.* 3. 1. 30 p.
 417. fig. *Chabr.* 465. 1c. 6.

Ranuncu-

Ranunculus mont. subhirsutus, *Geranii folio* C B. 182. 13.
Ranunculus montanus subhirsutus, *Geranii folio* C B. pr. 96.

6. fig.

Ranunculus mont. latifol. hirsutus alter C B. *phyt.* 323. 15.

C B. in his *Phytopinax* says he first found this on Mount *Mutet* near *Basil*, and afterwards on *Rosberg* near *Tubing* in *Wirtenbergh*. I received the first Specimen of this from Mr. *Jacob Bobart* at *Oxford*.

Herbæ Tetrapetalæ. Quaterpetals.

60. *Babylonion Cress*, Ray 821. 1.

Draba prima umbellata C B. *phyt.* 174. 1.

Draba vulgaris Park. 849. fig. 1.

Draba Dioscoridis Jonst. 274. fig. 1.

Draba five Arabis Chabr. 295. lc. 6.

Draba multis fl. albo. I B. 2. l. 22. p. 939. fig.

Draba umbellata vel Draba maj. capitulis donata C B. 109. 1.

Arabis five Draba & Nasturtium Babylonicum Lob. lc. 224.

I *Belg.* 267. fig. *Obs.* 111.

Grows in the Borders of Fields about *Vienna* plentifully, as also in the like Places in *Italy* and *France*. Flowering in *May* and *June*.

61. *Bur Rocket* Ray 804. 4.

Erucago segetum El. Bot. 199. Inst. 152.

Eruca Monspeliaca filiquâ quadrangulâ Park. 821. fig.

Eruca Monsp. fil. quadrangulâ echinatâ C B. 99. 14. *phyt.* 149. 15. *prodr.* 41. 7. fig. opt.

Raphanistrum dispermon Monspel. fil. quadrangulâ echinatâ *H. Leyd.* 520.

Sinapi echinatum *Lugd.* 647. fig. *Chabr.* 275. lc. 3. I. B. 2. l. 21. p. 858. fig.

Grows about *Montpelier* in Corn. It Flowers and Seeds in *June*, &c.

62. *Ever-green Persian Tufts* Ray 837. 7.

Thlaspi fruticosum Leucoidii folio latifol. C B. 108. 1. *prodr.*

49. 9. *Park.*

Thlaspi

Thlaspi frut. umbellatum *Persicum*, fol. *Leucoti* instar sem-
pervirentibus H. Oxon 296. 23.

Thlaspi latifol. platycarpon, *Leucoti* foliis *Bocc.* 55, fig.
opr.

Thlaspi sempervirens & florens *Dodart.* 115. fig.

Thlaspidium frutic. *Leucoti* folio semperflorens E. B. 183.
Inst. 214.

Thlaspio fruticoso di *Persia*, con foglia di *Keiri*, di fiore odo-
rato *Zanon* 106. Tab. 74. fig.

This is always green, *Flowers* long and especially to-
wards the *Winter*, its said to come from *Persia*, *Boccone*
found it wild about *Palermo* in *Sicily*.

63. Garlick Cress *Ray* 834. 19.

Scorodo-thaspi *Ulyssis Aldrovandi* *Chabr.* 294. Ic. 1. I. B. 2. l.
22. p. 932. fig.

Thlaspi *Allium* redolens H. Oxon. 297. 28. Tab. 18. fig.

That very great and laborious Naturalist *Ulysses Aldro-
vandus* first discovered this Plant growing about *Bononia*.
It *Flowers* and *Seeds* in *Chelsea-Garden* early in the *Spring*.

Plantæ H. pentapetalo. Cinquepetals.

64. Dwarf *Gentian* with a large Flower *Ray* 718. 2.

Gentiana Alpina magno flore I B. 3. l. 31. p. 523. fig.

Gentiana Alp. pumila, latifol. magno flore *Elem. Botan.*
96.

Gentiana Alp. magno fl. cæruleo violaceo *Mariana* *Chabr.*
503. Ic. 6.

Gentiana 5. *Gentianella* major verna *Clus.* 314. fig.

Gentianella Alpina verna major *Park.* 402. fig. 1.

Gentianella Alp. latifol. magno flore C B. 187. 1. phyt. 347.

16 prodr, 97. c. x. 1:

Gentianella Helvetica *Lob. Icon.* 310. 1. Belg. 381.

Gentianella Campanula flore purp. *Helvetia* *Adv.* 130. fig.

I B. makes this and the *Angustifolia* to be the same
Plant.

Grows

Grows on most Mountains in Austria, Styria and Swisserland, where it Flowers in their Spring, viz. in June, or as soon as the Snow there melts.

This elegant Plant is pretty common in most of our Country Gardens.

65. Pona's blew Valerian Ray 745. 6.

Cervicaria Valerianoides cærulea C B. 95. 20.

Rapunculus Valerianoides cæruleus umbellatus Boer. 104. 3.

Rapuntium umbellatum Col. phyt. 2. p. 22.

Trachelio azuro umbellifero Pona Ital. 44. fig.

Trachelium umbelliferum cæruleum Park. 645. 8.

Valerianoides Alpin. Trachelii folio, fl. coccineis Alm. Bot.

379.

This is very different from the *Telephium* fl. purpureis *Lobel. Ic. 389. 2.* as *Columna* and C B. from him take to be the same.

Pona, in his Italian Edition of the Plants on Mount Baldus, gives the first Figure and Description of this elegant Plant, which he received from Signior Contareni at Venice, and supposes it to come from Candy; but Pere Barrelier says it grows in moist shady Places not only about Rome but Valentia in Spain, where its also sometimes found with a white Flower. Its blew umbelliferous Tufts make a beautiful Shew in our Physick Garden where it Flowers from Midsummer till the end of September.

66. Childing Pink Ray 990. 13. H. Ox. 563. 21.

Caryophyllus sylv. prolifer C B. 209. 6. phyt. 393. 18.

Caryophyllus prolifera Park. 1338. fig. 1.

Beronica Coronaria squamosa sylv. Chabr. 446. Ic. 6. IB. 3.

l. 29. p. 335. fig.

Armeria prolifera Lob. Ic. 449. 1. Belg. 534. Jonst. 599. fig. 5.

Grows in barren Pastures in many Parts of France, Italy, Germany, &c.

67. *Gray Stitchwort* Ray 1020. 7. H. Ox. 546. 44.
Holosteum Hart. incanum vulgare Nobis.
Caryophyllus Holosteus Ger. 277. xi. *Jonst.* 595. fig. 15.
Caryophyllus Holosteus tomentosus I B. 3. l. 29. p. 360. fig.
Park. 1339. fig. 7.
Caryophyllus Holost. tomentosus latifolius C B. 210. 2.
pr. 124. 5.

Lychnis maritima incana & tomentosa H. Oxon. 546. 44.
Myosotis tomentosa Linaria folio amplo. E B. 211. *Inst.* 244.

The *Description* of I B. and others much better agree with this Plant than that of C B. *prodr.* p. 104. 5.

There is no good *Figure* of this Herb altho a *Common Edging* in every *Countrey Garden*.

68. Penny's *Myrtle Cistus* Ray 1011. 13.

Ascyrum Balearicum frutescens, magno flore luteo, fol. minoribus lucidis subtus verrucosis *J. Salvadore.*

Myrio-Cistus Pennei *Clus.* 68. fig. *Pan.* 67. fig. *Park.* 665. fig.

Ger. 1098. fig. 16. *Jonst.* 1279. fig. 16. *Tab. Ic.* 1054. 2.

Myrta-Cestus Pennei, fl. luteis oblongis *Chabr.* 103. lc. 2.

I B. 2. l. 13. p. 21. fig.

Dr. *Penny* a famous *Physitian* of *London* and a very curious *Naturalist* of that time, first communicated this Plant A. D. 1580. which he had gathered on the Island *Majorca* to *Carolus Clusius*, who gave a *Figure* of it, and from whence all other Authors have since copied it. We are lately obliged to Dr. *John Salvadore* at *Barcelona* for the more perfect Knowledge of it, who amongst many other very curious and Rare Plants gathered in that Island and *Minorca*, sent me this under the Name as above, of which it is a true *Species*.

69. *Matthiolus* his *Coris* or St. *John's-wort* Ray 1018. 4.

Coris C B in *Matth.* 667. fig. opt. *Cam.* 678. fig. *Park.* 570.

fig. 1. *Jonst.* 544. fig. 1. *Lob. Ic.* 403. 1. *Belg.* 489. *Obs.* 220. fig.

Coris lutea C B. 280. 1. *lutea major phyt.* 548. 1.

Hypericoides Coris quorundam & Coris legitima Cretica
Chabr. 456. Ic. 5. l. B. 3. l. 29. p. 384. fig.

Hypericum seu Coris legitima Ericæ similis H. Oxon 469. 4.

Hypericum Syriacum tenuissimo & glaucæ folio El. Bot.
222. *Inst.* 255.

Matthiolum says this grows in dry Grounds and Hills in many Places of *Italy*, and by *Carara* a Village of *Liguria*, as *Camerarius* asserts.

I take this by its Figure to be different from *Bellus* and *Pona* their *Coris legitima Cretica*.

70. Succory *Mullein*.

Blattaria Cichorei folio villosa Nobis.

an *Blattaria Orient. Agrimonia folio. T. Coral,*

Its *Leaves* spread on the Ground, are deeply cut long and hoary, from the midst of these rise slender Stalks, much branched and full of small yellow *Flowers* which soon fall off.

I have as yet seen this in *Chelsea Garden* only.

71. Great *Pile Trefoil* Ray 968. 12. *H. Ox.* 177. 14.

Lotus Hæmorrhoidalis sive Trifolium Hæmorrhoid. majus
Park. 1102. fig. 8.

Lotus pentaphyllos filiquosus villosus CB. 332. 9.

Lotus polyceratos frutescens incana alba, filiquis curtis-
crassioribus & brevioribus erectis H. Ox. 177. 14

Oxytriphylum alterum Scribonii Herbariorum Lob. Adv.
381. fig.

Trifolium album, rectum hirsutum valde Chabr. 160. Ic. 1
1 B. 2. l. 17. p. 360. fig.

Trifolium Hæmorrhoidale Lob. illustr. 151.

Grows plentifully about *Montpelier*, *Lobel* says its also found about *Eyons* and *Turin*.

The *Leaves* or rather the *Seed* given in *Powder* from 30 Grains to 60 in *Red Wine*, is said to be very effectual in curing the *Piles*.

72. Lesser *Pile Trefoil* Ray 968 xi.

Lorus

Lotus Hemorrhoidalis alter minus sive *Lotus Lybica* Dal.
Park. 1102. f. 9.

Lotus filiquosus glaber, flore rotundo C B. 332. 10.

Lotus Lybica Dalechampi Lugd. 509. fig.

Lotus Lybica Dalech. vulgò H. Leyd. 384.

Trifolium rectum Monspeffulanum I B. 2. l. 17. p. 359. sine fig.

Trifolium rectum Monspes. fl. rotundo C B phyt. 666. 46.

Grows by River sides and moist Places about Messina,
Calabria and Montpellier.

73. Camerarius his Birds Foot Trefoil. Ray 970. 20.

Lotus filiquis Ornithopodii C B. 332. 2. phyt. 667. 36. I B.
2. l. 17. p. 359. fig.

Lotus peculiaris, filiquis Ornithopodii Camer. Hort. 91. Ic.
25. opt.

Lotus Ornithopodii filiquis, fl. luteo, nigris lineis striato
Chabr. 158. Ic. 1.

Lotus polyceratos annuus procumbens latifolius, filiquis
Ornithopodii H. Ox. 176. 8.

Lotus sylvestris Creticus Park. 1101. fig. 4. ex Pona Ital. 153.

That Reverend Divine and Botanist Sir George Wheeler,
observed this in the Island Corfu.

74. Fine Fumitory Ray 406. 3. H. Ox. 261. xi.

Fumaria tenuifolia Ger. 928. fig. 3. Jonst. 1088. fig. 3.

Fumaria minor sive *tenuifolia* Park. 287. fig. 2.

Fumaria minor tenuifolia C B. 143. 3. phyt. 245. 2.

Fumaria minor sive *tenuifolia surrecta* Chabr. 277. Ic. 6. I B.
3. l. 26 p. 203. fig.

Capnos tenuifolia Clus. 208. fig. 2. Hisp. 375. fig. Lob. Ic.
757. 2. Belg. 914 Obs. 438.

Grows amongst Corn and by Pathways about Montpellier,
and in divers parts of Spain where its called *Palomilla*, and
flowers in April and May.

75. Barcelona Hart Fumitory.

Fumaria henneaphyllos Hispanica saxatilis Bocc. Mus. 83.
Tab. 73.

Fumaria heneaphyllos Hispan. saxatilis, fl. vario Barret.
866. Ic. 42.

Fumaria Hisp. saxatilis, fol. amplioribus cordiformibus,
sem. compressis El Bôt. 334. Inst. 422.

Dr. *Salvadore* observed this in the Fissures of *Mount Serrat*, and in the Hermits Walls about *Barcelona* where it Flowers in May, June, and July.

The curious *Dutchess Dowager* of *Beaufort* shewed me very fair Specimens of this Plant, which her Grace raised from Seed I had given her.

Plantæ fructu tricocco. Plants with Treble Husks and Seed.

76. Garden Spurge Ray 866. 18.

Lathyris C B. in Matth. 868. fig. 1. Cam. 968. fig. opt.

Lathyris major C B. 293. 1. phyt. 577. 1.

Lathyris major Hortensis Park. 191. fig. 1.

Lathyris five *Cataputia minor* Chabr. 535. Ic. 4. I B. 3. p. 880.
fig. Jonst. 503. fig. 18.

Cataputia minor Lob. Ic. 362. 1. Belg. 439. Obs. 197. Ger.
405. fig. 14.

Cataputia minor five *Lathyris angustifolia* Tab. 587. Ic. 2.

Tithymalus latifolius *Cataputia dictus* H. Leyd.

Grows spontaneously in many Gardens, where it Flowers and Seeds in July and August.

77. Red Flowred Spurge Ray 864. 2.

Characias Monspeliensum Clus. & Matth. Lob. Ic. 359. 2.

Belg. 43. Obs. 194. fig. 2. Adv. 152.

Tithymalus Amygdaloides five *Characias* Chabr. 534. Ic. 2.
I B. 3. l. 34. p. 672. fig.

Tithymalus *Characias* 1. Clus. 188. fig. 1. *Hisp.* 436. fig.

Tithymalus *Characias Monspeliensum* Park. 186. 2. Jonst.
499. fig. 8.

Tithymalus *Characias rubens peregrinus* C B. 290. 2. phyt.
572. 1.

Clusius observed this on the rough Mountains of *Spain*, its also found in *Italy* and about *Montpelier* in stoney Places.

Its dark red *Flowers*, distinguish it from others like it.

78. *Montpelier Meadow Spurge*.

Tithymalus Lithospermi majoris folio Bot. Monsp. 205.

An *Tithymalus Tingitanus Linaria folio, lunato flore H. Leyd.*

An *Tithymalus Linariae folio, lunato flore H. Blef. 313.*

Dr. *Nissole* that curious Botanist sent me this Plant among many others gathered about *Montpelier*.

79. *Soft Spurge of Mount Polline.*

Tithymalus Montis Pollini, fol. & fructu pubescentibus.

Its *Stalks* brown and hoary as are its *Leaves* which grow alternately and not thick set. It *Flowers* and *Seeds* in *July* and *August*.

Monf. *Vaillant* sent me a *Specimen* and *Seed* of this from *Paris*.

80. *Cambridge Corn Spurge Ray 868. 22.*

Tithymalus Segetum longifolius Cat. Cant. app.

It grows in the *Corn* beyond *Kingston-wood* in the Road to *Gamlingay* in *Cambridge-shire*, where I found it in company with Mr. *James Sherard*, an accurate Botanist and well versed in the Knowledge of our *English Plants*.

81. *Cypress Spurge Ray 865. 19. H. Ox. Bob. 335. 4.*

Tithymalus Cupressinus Jonst. 449 fig. 5. H. Ox. Bob. 335.

4. 1. Tab. Ic. 594. fig. 2. Hist. 2. p. 293. f. 3. opt.

Tithymalus Pineae Ger. 402. fig. 6. opt.

Tithymalus Cyparissias C.B. 291. 2. T. Esula Chabr. 532. Ic.

6. 1 B. 3. l. 34 p. 663. fig. Cam. 964. fig. Lob. Obf. 192.

fig. 3. Adv. 151. C.B. in Matth. 865. fig. 5. Lugd. 1644.

fig. 2. opt.

Tithymalus Cyparissias minor C.B. phyt. 575. 15,

Tithymalus Cyparissias vulg. Park. 193. descr. 3 but its *Figure* is of the *Pytusa* or *Esula major*.

Virtues. Dr. *Tournefort* says the *Root* of this *Spurge* is a proper *Cathartick* in *Hydropick* and *Cachectic Bodies*, as also for intermittent *Fevers* given from 3ss to ʒij with 20 Grains

Grains of *Mercurius dulcis* and 30 of *Cream of Tartar*, 10, 15 or 20 of its *Seed* is a strong *Purge*, and the *Basis* of *Fernelius* his *Pil. ex Esula*, its Dose ʒij. The *Roots* of this *Plant* are also used in the *Benedicta Laxativa*. *Hydragogum eximium Renodei*. Extract. *eximium* & *Cholagogum Rolfinchii*.

It grows pretty common in many *Gardens*.

82. Common *Sea Spurge* Ray Brit. Herbal. Tab. 53. fig. 8. *Tithymalus maritimus* C B 291. 1. phyt. 574. xi.

Tithymalus Paralius Chabr. 534. Ic. 6. 1 B. 3. 1 34. p. 674. fig. Lob. Ic. 354. 2, Belg. 430. Obs. 191. fig. Camer. 962. fig. opt.

Tithymalus paralius seu maritimus Park. 184. fig Ger. 401. fig. 1. Jonst. 498. fig 1. opt. Matth. Lugd. 1643. fig. 2. & 47. fig. 1. Tab. 593. Ic 1. Hist. 2. p. 292. f. 3. C B in Matth. 864. fig. 3.

This elegant *Spurge* is found on most of the *Sea Coasts* of *Europe*.

83. Small *Portland Spurge*.

Tithymalus maritimus minor Portlandicus.

From a small downright single *Root*, rise slender *Stalks* with longish oval *Leaves* not thick set (as in the common *Sea-Spurge*) at the *Top* come small *Umbels* of *Flowers* and *Seeds* like other *Spurges*. It grows not a Span high even in our *Gardens* where it is very luxuriant.

The Reverend Mr. *William Stonestreet*, that accurate *Botanist*, first discovered this about a Year since on a narrow Neck of Land covered with *Peebles* which joyns *Portland* with the Coast of *Dorset-shire*.

Arbores Pisifloræ. Trees with *Pea-blooms*.

84. Bean *Trefoil-tree*. Ray 1721. 1.

Anagyris Cam. 671. fig. Ger. 1239. fig. 1. Jonst. 1427. fig. 1.

Anagyris 1. Tabern. 1089. Ic. 2. Hist. Vol. 2. p. 794. f. 1.

Anagyris non fætida major vel Alpina C B. 391. 3.

Anagyris live Laburnum majus Park. 245 fig. 2. opt.

Anagy-

Anagyris minus fæstens vel Laburnum Lob. Ic. 2. p. 49. 2.

• Belg. 2. p. 56. fig.

Laburnum Chabr. 78. Ic. 1.

Laburnum arbor trifolia Anagyridi similis I B. 1. l. xi. p. 361. f.

It *Flowers in May, June, &c.* On *Saleve & Jura* two Mountains near *Geneva* where Mr. *Ray* observed it, as also on the *Alps of Savoy*.

85. Great podded, *Bastard Sena* Ray 923. 1. H Ox. 122. 1.

Colutea Scorpoides Lob. Ic. 86. 2. pt. 2. Belg. 100. T. 2.

Adv. 405. fig. *Chabr.* 82. Ic. 1. l. B. 1. l. xi. p. 381. fig.

Ger. 1116. fig. 2. *Jonst.* 1299. fig. 2.

Colutea Scorpoides 1. *Tab.* 1091. Ic. 1. *Hist.* 695. f. 2.

Colutea Scorpoides 1. *elatio*r *Clus.* 97. fig.

Colutea Scorpoides major *Park.* 227. fig. 2.

*Colutea Scorpoides elatio*r & *major frutescens* *H. Ox.* 122. 1.

Colutea filiquosa *sive Scorpoides major* C B 397. 2.

Emerus vulgò *Casalp.* 117.

Mr. *Ray* has observed this about *Montpelier, Geneva, &c.*

86. Common Bladder *Bastard Sena* Ray 1720. 1.

Colutea *Ger.* 1116. fig. 1. *Jonst.* 1299. fig. 1. *Tab.* 1090. Ic. 2.

Colutea *Theoph.* *Lob.* Ic. 88. 2. pt. 2. *Belg.* 101. T. 2. *Obs.* 530.

Colutea Vesicaria vulgaris *Park.* 227. fig. 1. C B. 396. 1.

Colutea Vesicaria *Chabr.* 81. Ic. 6. l. B. 1. l. xi. p. 380. fig.

Emeri alterum genus *Casalp.* 117.

Grows about *Trent* plentifully, as also on *Mount Vesuvius, &c.*

Arbores Bacciferæ. Berry-trees.

87. Widdow-wayl Ray 1710. c. 12. *Lecan* 83. 50.

Olivella Hispanis. *Garoupe* *Narbonens.* *Fremb'd* *Seidel* past Germ.

Chamelea *Dod.* 633. fig. *Cam.* 973. fig. opt.

Chamelea tricoccus. C B. 462. 1. *Clus.* 87. fig. 1 *Hisp.* 170.

fig *Chabr.* 46 Ic. 3. l. B. 1. l. 5. p. 584. fig. *Park.* 202. fig. 5.

Chamelea Arabum tricoccus *Ger.* 1215. fig. *Jonst.* 1402. fig.

1. *Tab.* 1075. Ic. 2.

Chamelea vera aliis *Tricoccus*, *Mezereon* *Cam.* *Hort.* 39.

Chama-

Chamaelea vera, aliis *Tricoccus* Lob. Ic. 369. 2. Adv. 157.
fig. Belg. 448. fig.

Grows plentifully in Olive Grounds and on the Rocky Hills about *Montpelier*.

88. Plain Oval *Mock-Privet*.

Phyllyrea folio subrotundo vix serrato.

These Leaves much resemble the Figure in *Camerarius* his *Epitome* p. 90. marked thus * but its notches less visible.

89. True *Mock-Privet*.

Phyllyrea vera, folio acuto, basi lato.

This also is very lightly notcht.

90. Olive *Mock Privet*. Ray Dendr. 53. 2.

Phillyrea Olea Ephesaca folio Hort. Med. Chelf. Pluk. Tab. 310. fig. 5.

These Leaves are oblong, pointed and wholly plain.

91. Fine dented, small leaved *Mock-Privet*.

Phyllyrea folio minori argute serrato.

The only Tree of this I have as yet seen is in the Wilderness of the Bishop of London's Garden at *Fulham*.

92. Common *Mock-Privet*. Ray 1585. 2.

Phillyrea fol. Ligustri C B. 476. 4.

Phillyrea latiore folio Ger. 1209. fig. *Jonst.* 1395. fig. 2.

Phillyrea latiusculo fol. Chabr. 42. lc. 2. I B. 1. l. 5. p. 539. fig.

Phillyrea 3 Clus. 52. fig. 2. *Hisp.* 68. fig.

Phillyrea angustifolia 1. Park. 1443 fig. 4. secundum *Iconem*.

Grows wild in Spain and about *Montpelier*.

93. Common Narrow *Mock-Privet* Ray. 1585. 1.

Phillyrea angustifolia Ger. 1209. fig. 1. *Jonst.* 1595. fig. 1.

Chabr. 42. lc. 1. I. B. 1. l. 5. p. 538. fig. Lob. lc. 2. p. 132.

Belg. T. 2. p. 154. fig. *Obs.* 565. fig.

Phillyrea angustifolia 1 C B. 476. 5.

Phillyrea 4 Clus. 52. fig. 3. *Hisp.* 64. fig.

Frequent about *Montpelier*.

We shall Conclude with the Indian Herbs and Trees in the next Transactions.